

Warnings

- This appliance is designed for home air conditioning and must not be used for other purposes.
- It is dangerous to modify or alter the characteristics of the appliance in any way.
- The appliance must be installed in accordance with the rules on household appliances in force in the country concerned.
- If the appliance requires repair, contact a Service Centre authorised by the manufacturer only. Repairs carried out by unauthorised personnel may be dangerous.
- If the power cable is damaged, it must be replaced by a qualified professional authorised by the manufacturer only.
- Do not allow children or unfit persons to use the appliance without adequate supervision.
- This air conditioner must be used by adults only. Never allow children to play with the appliance.
- The appliance must be connected to an efficient earth system.
Have your electrical circuit checked by a qualified electrician.
- Do not use extension cables.
- Before cleaning or maintenance, always unplug the appliance from the mains socket.
- Do not move the appliance by pulling the power cable.
- Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.
- Do not rest heavy or hot objects on top of the appliance.
- Clean the anti-microbial filters at least once a week.
- Avoid using heating appliances near the air conditioner.
- Always transport the appliance upright or resting on one side.
- Before transporting the appliance, completely empty the internal circuit of water by pressing the **MODE** and **FAN** or **MODE** and **SPEED** buttons (according to model) simultaneously for a few seconds without removing the tank.
- Then empty the tank
- Use the appliance as described in this instruction manual only.
- As with all electrical equipment, whilst the instructions aim to cover as many eventualities as possible, caution and common sense should be applied when operating and installing this appliance.
- At the end of its working life, consign the appliance to a specialist collection centre.
- The materials used for packaging can be recycled.
- You are therefore recommended to dispose of them in special differentiated waste collection containers.
- When putting the appliance away, do not cover with plastic bags.

Warnings for appliances with R290 refrigerant gas



- Keep the appliance at least 50 cm away from flammable substances (alcohol etc) or pressurised containers (e.g. aerosol cans).
- When defrosting or cleaning, use only the implements recommended by the manufacturer.
- The appliance must be placed in a room without continuously operating sources of ignition (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Refrigerant gas may be odourless.
- The appliance must be installed, used and stored in a room with a surface area greater than 15 m².
- This appliance contains 300 g of R290.
- R290 refrigerant gas complies with European environmental directives.
- Do not perforate any of the components in the refrigerant circuit.
- If the appliance is installed, used or stored in an unventilated room, the room must be such as to prevent stagnation of possible leaks of refrigerant gas as there could be a danger of fire or explosion hazard should the refrigerant come into contact with electric heaters, stoves or other sources of ignition.
- The appliance must be stored in such a way as to prevent mechanical faults.
- Persons working on or carrying out any operation involving the refrigerant circuit must be in possession of the relevant certificate issued by an approved institution confirming their competence to handle refrigerants in compliance with evaluation guidelines recognised by sector associations.
- All repairs must be carried out in accordance with the manufacturer's recommendations. Maintenance and repairs requiring the assistance of other qualified personnel must be carried out under the supervision of specialists in the use of inflammable refrigerants.

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DESCRIPTION

- 1 air outlet grille (motorised, only on some models)
- 2 control panel
- 3 castors
- 4 handles
- 5 air exhaust hose housing
- 6 condenser air intake grille
- 7 evaporator air intake grille with dust filter
- 8 condensate tank
- 9 continuous condensate drain connection
- 10 power cable

- 11 flange cap
- 12 air exhaust hose
- 13 window outlet
- 14 suckers
- 15 castor locks
- 16 continuous drain hose with coupling
- 17 remote control (only on some models)
- 18 3M air purifying filter accessory (only on some models)

What are the Pinguino and SuperPinguino?

During the summer, you feel comfortable at a temperature of between 24 and 27°C with a relative humidity of about 50%.

An air conditioner removes excess moisture and heat from the room where it is located. Compared with installed models, portable air conditioners have the advantage that they can be moved from one room to another in the home or be transported from one building to another.

Hot air from the room is passed through a coil cooled by refrigerant gas. Excess heat and moisture are removed before the air is re-emitted into the room.

In single unit models (Pinguino), a small part of this air is used to cool the refrigerant gas and then, when hot and damp, is discharged outside.

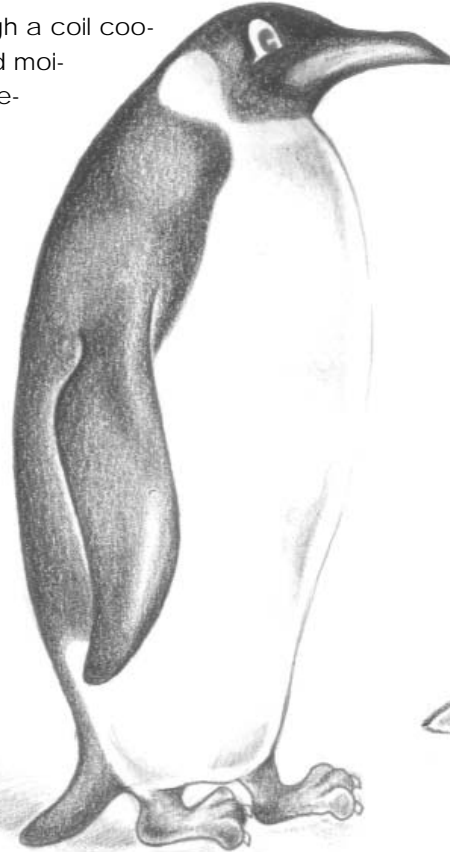
In models with case (SuperPinguino), the circuit is cooled using air from outside.

All Pinguino and SuperPinguino models can also be used in fan-only or air purifying mode.

The Pinguino ECO is a latest generation environmentally-friendly air conditioner.

The Pinguino ECO does not, in fact, contain gases (CFC/HCFC) dangerous to the ozone layer or with a marked greenhouse effect (HFC).

As well as reducing energy consumption, the high efficiency of the appliance also minimises impact on the greenhouse effect.



Preparing for use

ELECTRICAL CONNECTIONS

Before plugging the appliance into the mains socket, check that:

- the mains power supply corresponds to the value indicated on the rating plate on the back of the appliance;
- the power socket and electrical circuit are adequate for the appliance.
- the mains socket matches the plug. If this is not the case, have the plug replaced;
- the mains socket is adequately earthed. **Failure to follow these important safety instructions absolves the**

The power cable must be replaced by a qualified professional only.

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The instructions below will enable you to prepare your air conditioner for operation as efficiently as possible.

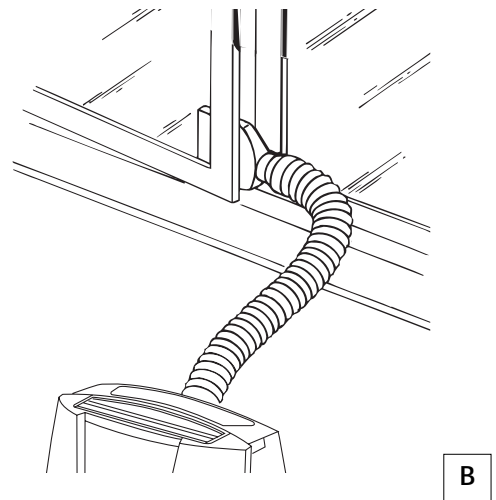
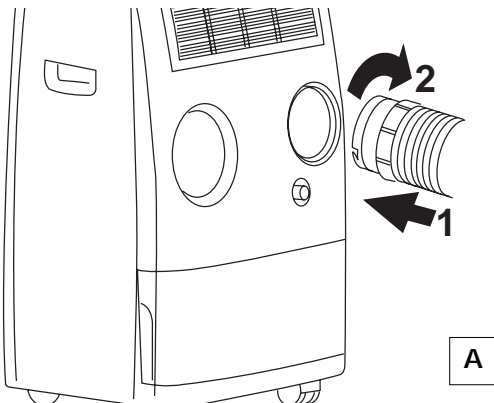
Before use, make sure the air intake and outlet grilles are unobstructed.

AIR-CONDITIONING WITHOUT INSTALLATION

Just a few simple steps and your comfort is ensured with Pinguino:

- Fit the air exhaust hose [12] in the housing [5] at the back of the appliance.

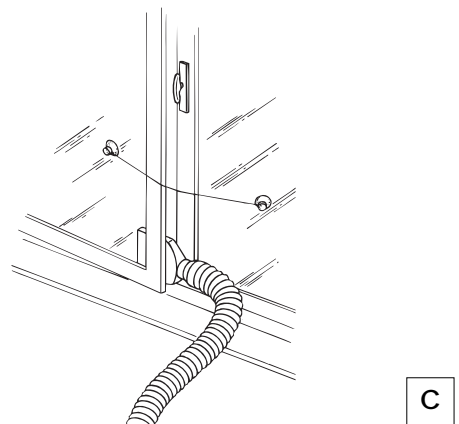
Insert as shown in figure A.



- If you have a double window, use the suckers [14] provided to hold the two parts of the window together (fig. C).

- Fit the window outlet [12] to the end of the hose [13].
- Place the air conditioner near a window or French window.
- Place the air conditioner near a window or French window.
- Open the window or French window slightly and position the outlet [13] as shown in figure B.

Keep the air hoses as short and free of curves as possible to avoid bottlenecks.

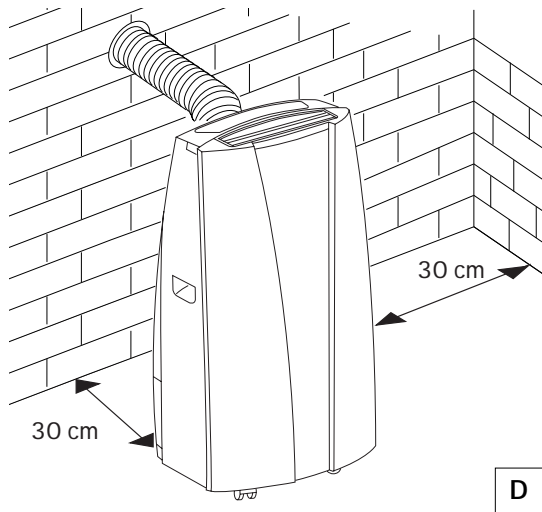


C

Air-conditioning with installation

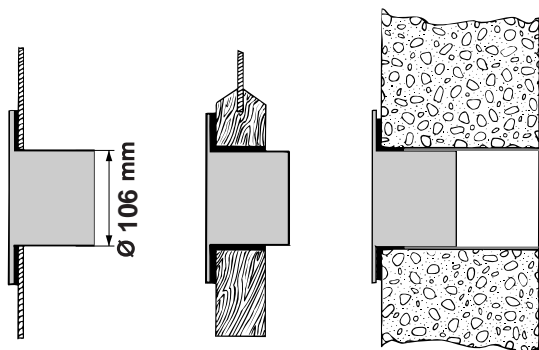
AIR-CONDITIONING WITH INSTALLATION

If required, the Pinguino can also be installed semi-permanently.



Proceed as follows:

- Drill a hole in an outside wall or through a window pane. Respect the height and dimensions of the hole as given in figures E and F.



in the window pane

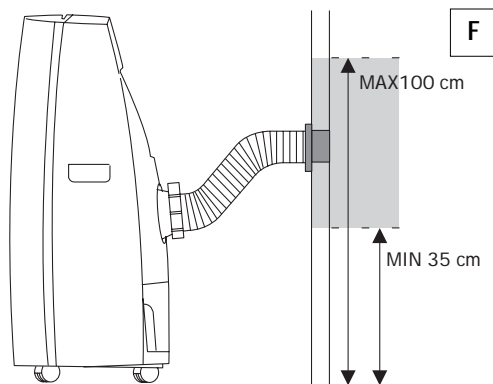
in the wooden kick-board of a French window

in the wall: you are recommended to insulate the section of wall using suitable insulation.

E

Keep the air hoses as short and free of curves as possible to avoid bottlenecks.

- Fit the flange accessory provided **11** in the hole.
- Fit the hose **12** in the housing at the back of the appliance (fig. A page 26).
- Fit the end of the hose **12** to the flange **11** as shown in fig. F.



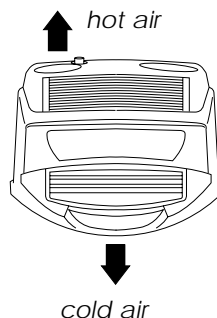
When the hose **12** is not fitted, the hole can be closed with the flange cap **11**.

NOTE:

When installing the air conditioner semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation.

DEHUMIDIFYING

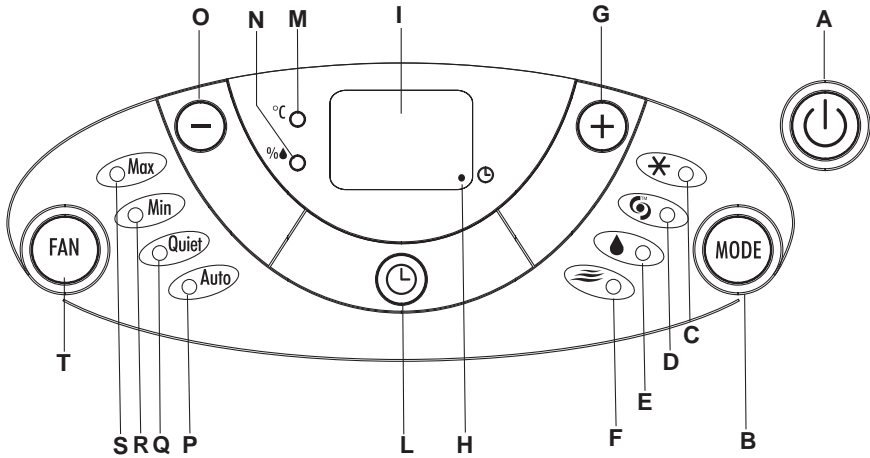
Place the appliance in the room without fitting the hose. The dehumidified air will thus be released directly into the atmosphere. Cold air will come out of the front grille and hot air from the back grille (fig. G), thus guaranteeing efficient dehumidifying.



G

Description of the control panel

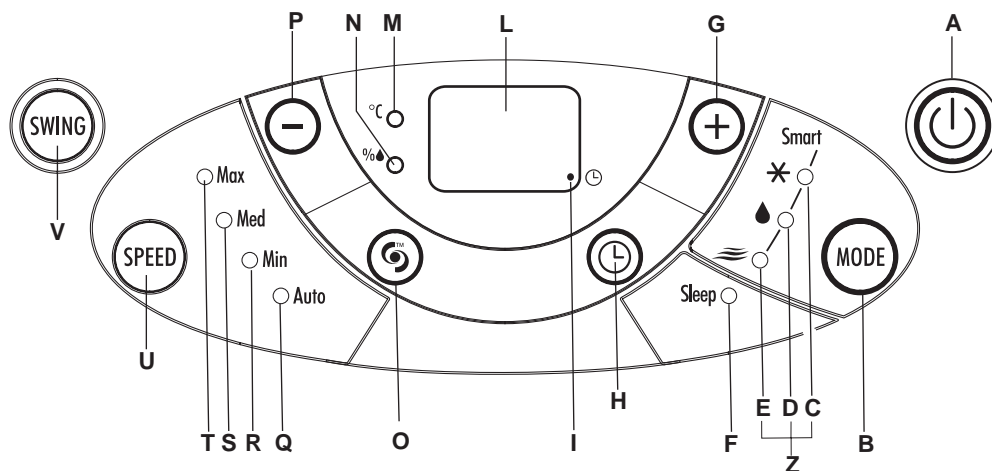
TYPE A CONTROL PANEL



- A** ON/OFF button
- B** MODE selection button
Conditioning, BOOST (superconditioning), dehumidifying, fan.
- C** Air conditioning light
- D** BOOST (superconditioning) light
- E** Dehumidifying light
- F** Fan light
- G** Increase temperature/humidity/programmed operating time button
- H** Timer in operation light
- I** Display
Visualising the temperature/humidity values set and the programmed operating time
- L** Timer button
- M** Temperature display
- N** Humidity display
- O** Reduce temperature/humidity/programmed operating time button
- P/Q/R/S** Fan speed and AUTO lights
- T** FAN speed selection button

Description of the control panel

TYPE B CONTROL PANEL



- A ON/OFF button
- B MODE selection button
Air conditioning, dehumidifying, air purifying/fan, Smart.
- C Air conditioning light
- D Dehumidifying light
- E Air purifying/fan light
- F Sleep function (can be selected from remote control only)
- G Increase temperature/humidity/programmed operating time button
- H Timer button
- I Timer in operation light
- L Display visualising temperature/humidity values set and operating time
- M Temperature display
- N Humidity display
- O BOOST button
- P Reduce temperature/humidity/programmed operating time button
- Q/R/S/T Fan speed and AUTO lights
- U Fan SPEED selection button
- V Grille flaps SWING button
- Z "SMART" mode (lights C/D/E on)

Note: The "SWING" button (V) moves the grille flaps to distribute the cool air uniformly in the room. When the button (V) is pressed once and the flaps have begun moving alternately forwards and backwards, pressing the button again will lock the flaps in their current position. Pressing the button again will restart the flaps moving forwards and backwards. When the appliance is turned off, they will close irrespective of their position.

Operating from the control panel

TURNING THE APPLIANCE ON

Plug the appliance into the mains.

Two lines appear on the display indicating that the appliance is in stand-by.

Press the ON/OFF button (A) (when turned on, the air conditioner starts operating in the same mode as when it was turned off).

Press the MODE button (B) until the light corresponding to the required mode lights up:



TYPE A CONTROL PANEL (see page 29)

Light (C) ✖ : air-conditioning mode

Light (D) ⚡ : BOOST MODE (superconditioning)

Light (E) 💧 : dehumidifying mode

Light (F) 🌀 : fan mode

TYPE B CONTROL PANEL (see page 30)

Light (C) ✖ : air-conditioning mode

Light (D) 💧 : dehumidifying mode

Light (E) 🌀 : air purifying mode

Lights (C/D/E): SMART mode



After selection, the flaps open at a preset angle.

When the air conditioner is turned off, the flaps will close.

AIR CONDITIONING

Ideal for hot muggy weather when you need to cool and dehumidify the room.

When air conditioning mode is selected, light (M) comes on. Now press the + or - buttons until the required room temperature is displayed.

The most suitable temperature for the room during the summer varies from 24 to 27°C.

You are recommended, however, not to set a temperature much below the outdoor temperature.

Then select the fan speed by pressing the FAN/SPEED button until the light corresponding to the required fan speed lights up:

TYPE A CONTROL PANEL

MAX (S): the air conditioner operates at maximum to reach the required temperature as rapidly as possible

MIN (R): reduces noise levels but still maintains a good level of comfort

QUIET (Q): for silent operation

AUTO (P): the appliance automatically selects the most suitable fan speed in relation to the temperature set on the digital display.

Operating from the control panel

TYPE B CONTROL PANEL

MAX (T): the air conditioner operates at maximum to reach the required temperature as rapidly as possible

MED (S): reduces noise levels but still maintains a good level of comfort

MIN (R): for silent operation

AUTO (Q): the appliance automatically selects the most suitable fan speed in relation to the temperature set on the digital display.

BOOST (superconditioning)

With respect to air conditioning, this mode provides more cooling power, useful when you want to make a very hot room comfortable as rapidly as possible.

TYPE A CONTROL PANEL

Set in the same way as air conditioning.

Questa modalità di funzionamento offre in più rispetto al condizionamento. Questa modalità di funzionamento offre in più rispetto al condizionamento.

TYPE B CONTROL PANEL

Press the  button (O) to set the BOOST mode.

In this mode, the appliance operates at maximum air conditioning power, rapidly cooling the room. The *bo* symbol is displayed and fan speed is at maximum.



Operating from the control panel

DEHUMIDIFYING

Ideal for reducing humidity in spring and autumn, during rainy spells or in damp rooms.

Place the appliance in the room without fitting the air exhaust hose [12]. After selecting dehumidifying mode, the light (N) comes on. Press the + or - buttons until the required humidity level is displayed. At the same time, the Auto fan light comes on as the appliance automatically selects the most appropriate speed.

Water is removed from the air and collected in the tank at the back of the air conditioner [8].

When full, the appliance shuts down and FL (tank full) appears on the display. The tank must be extracted and emptied (fig. H). When the tank has been emptied, the appliance starts up again.

The accessory continuous drain hose [16] enables the condensate produced to be eliminated without requiring the tank to be emptied periodically.

Fit the hose with the rapid coupling [16] as shown in fig. I.

NB: In order for the continuous drain function to operate correctly, make sure the accessory is fully connected to the coupling [9]. To release, press the coupling flange.

FAN (AIR PURIFYING CERTAIN MODELS ONLY)

After using the **MODE** button to select the fan/air purifying mode, you can choose the fan speed by pressing the **FAN (T)** button or **SPEED (U)** button depending on model. In this mode, **AUTO** cannot be selected. The fan speed selected will be displayed.

"3M Filtrete" air purifying filter (certain models only)

This is ideal for dusty rooms. In addition to removing dust, the 3M Filtrete™ electrostatic air purifying filter also captures the smallest impurities (down to 0.003 mm), such as cigarette smoke.

To use the air purifying filter:

- Remove the intake grille [7].
- Remove the filter from the packaging.
- Use the two plastic edges to attach the filter to the hooks on the dust filter inside the intake grille.
- Replace the grille on the appliance.

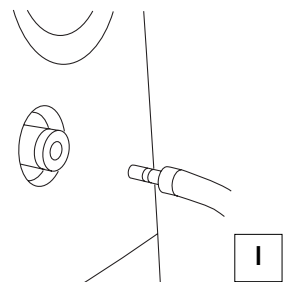
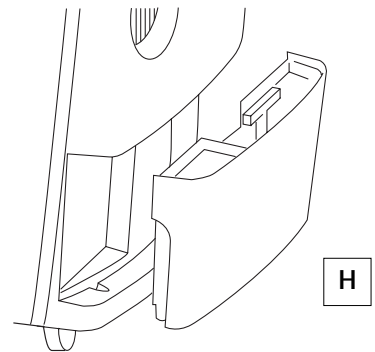
SMART MODE (SOME MODELS ONLY)

In **SMART** mode, the air conditioner decides the best way to operate to guarantee maximum comfort.

- Press the **MODE** button repeatedly until all three lights, **C/D/E**, on the type **B** control panel come on. The word *sn* appears on the display.

Note: in **SMART** mode, temperature is controlled automatically. However, if the required temperature has not yet been reached, it can be reduced or increased by a maximum of 2°C by pressing the ▲ ▼ buttons on the remote control.

The appliance will automatically set the operating mode (air conditioning or fan/air purifying) and optimum speed.



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Operating from the control panel

AUTOMATIC SLEEP MODE (SOME MODELS ONLY)

This mode can be activated by the remote control only.

For more information, see the paragraph "AUTOMATIC SLEEP FUNCTION" on the remote control (page 39).

When this function is activated, the **SLEEP** light (F) on the type B control panel comes on.

SETTING THE TIMER

The timer can be used to delay appliance start up or shutdown.

This avoids wasting electricity by optimising operating periods.

TYPE A CONTROL PANEL

How to programme delayed start up

- Plug the appliance into a mains socket and press the ON/OFF button (A), then select the required operating mode (temperature, fan speed, etc).
- Press the ON/OFF button (A) again: the appliance switches to stand-by mode.
- Press the TIMER button (L): the two central segments flash on the display.
- Use the + (G) or - (O) buttons to set the number of hours delay before the appliance comes on.

The + or - button increases or decreases by an hour at a time. When the buttons are held down for more than two seconds, the time runs rapidly up to a maximum of 24 hours.

The light (H) flashes until the appliance starts up.

You can set the appliance to come on with a delay of up to 24 hours.

How to programme delayed shutdown

- Delayed shutdown can be programmed in any operating mode (air conditioning/superconditioning/dehumidifying/fan).
- Press the TIMER button (L): the two central segments flash on the display.
- Use the + (G) or - (O) button to set the number of hours delay before the appliance goes off

The light (H) flashes until the appliance shuts down.

At the set time, the air conditioner shuts down and remains in stand-by.

Operating from the control panel

TYPE B CONTROL PANEL

How to programme delayed start up

- Plug the appliance into a mains socket and press the ON/OFF button (**A**), then select the required operating mode (temperature, fan speed, etc).
- Press the ON/OFF button (**A**) again: the appliance switches to stand-by mode.
- Press the TIMER button (**H**): the last timer setting flashes on the display.
- The light (**I**) comes on.
- Set the time using the + (**G**) or - (**P**) buttons (from 30 minutes to 24 hours).
During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.
- Press the TIMER button again to confirm the selection.
A countdown of the time left is displayed.
- The light (**I**) flashes until the appliance starts up.
You can set the appliance to come on with a delay of up to 24 hours.
- At the end of the set time the appliance switches on automatically.
- To cancel the set time, press the TIMER button again. You will hear a beep.

How to programme delayed shutdown

- Delayed shutdown can be programmed in any operating mode (air conditioning/superconditioning/dehumidifying/fan/air purifying).
- Press the TIMER button (**L**): the last timer setting flashes on the display.
- The light (**I**) comes on.
Set the time using the + (**G**) - (**P**) buttons (from 30 minutes to 24 hours).
During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.
- Press the TIMER button again to confirm the selection.
A countdown of the time left is displayed.
- The light (**I**) flashes until the appliance shuts down.
You can set the appliance to go off with a delay of up to 24 hours.
- To cancel the set time, press the TIMER button again.
You will hear a beep.

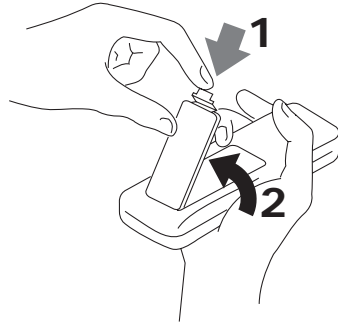
The remote control

THE REMOTE CONTROL

Inserting the batteries

- Remove the protective cover (see figure).
- Insert two new batteries (not rechargeable) making sure the (+) and (-) are in the correct positions.
- Replace the cover.

Note: We recommend use of alkaline LR03 batteries.

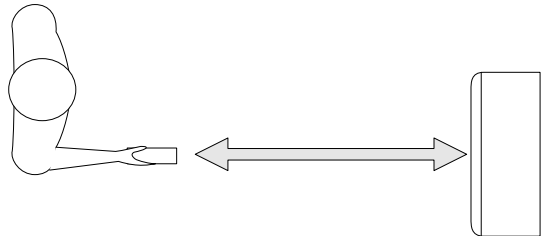


If the remote control unit is replaced or discarded, the batteries must be removed and disposed of in accordance with current legislation as they are harmful to the environment.

If the remote control is not used for long periods, remove the batteries.

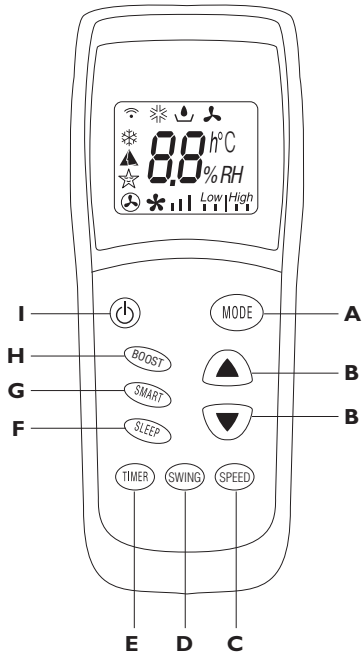
CORRECT USE

- Point the remote control unit towards the front of the air conditioner.
- Maximum distance: around 7 metres (without any obstacles between the remote control and the receiver).
- The remote control should be handled with **extreme care and respect**. Do not drop it, expose it to direct sunlight, or leave it near sources of heat.















Description of remote control (certain models only)

THE REMOTE CONTROL



THE DISPLAY

-  Signal transmission
-  Air conditioning indicator
-  Dehumidifying indicator
-  Air purifying/fan indicator
-  BOOST indicator
-  SMART indicator
-  SLEEP indicator
-  Automatic fan speed
-  MAX fan speed
-  MED fan speed
-  MIN fan speed
-  Temperature regulation indicator for SMART mode

A. MODE button

Selects the operating mode (air conditioning, dehumidifying, air purifying/fan).

B. Regulation buttons

Set room temperature, humidity level and timer.

C. SPEED button

Sets fan speed in sequence to AUTO, MAX, MED and MIN.

D. SWING button

Swings the grille flaps

E. TIMER button

Sets or cancels the timer.

F. button SLEEP (☆)

Activates or cancels the automatic SLEEP function.

G. SMART button (▲)

When this button is pressed, the appliance automatically establishes the most suitable operating mode for maximum comfort.

H. BOOST button (❄)

Activates or cancels the BOOST function.






I. ON/OFF button

Press this button to turn the appliance on and off.

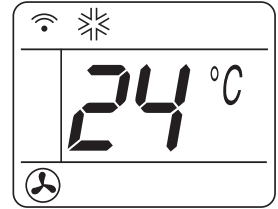
Note: the settings are displayed even when the air conditioner is off.

Using the remote control unit






AIR CONDITIONING

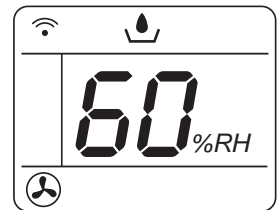
- Press the  button to turn the appliance on.
- The  symbol flashes on the display and a beep indicates that the air conditioner has started up.
- Press the MODE button a number of times until the air-conditioning symbol  appears on the display.
- Now set the temperature using the   buttons.
- To select fan speed, press the SPEED button repeatedly until the required speed is selected (AUTO, MAX, MED, MIN).

NB: in air-conditioning mode, the appliance automatically removes excess moisture from the atmosphere.






DEHUMIDIFYING

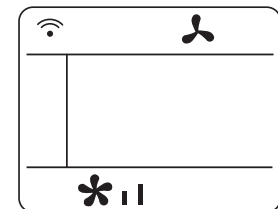
- Activate this function when humidity is high.
- Press the  button to turn the appliance on. The  symbol flashes on the display and a beep indicates that the air conditioner has started up.
- Press the MODE button a number of times until the dehumidifying symbol  appears on the display.
- Set the required humidity level using the   buttons.
- In dehumidifying mode, fan speed is selected by the appliance automatically.



AIR PURIFYING/FAN

This function is useful in dusty atmospheres or during muggy but not particularly hot weather when only ventilation is required.




- Press the  button. The  symbol flashes on the display and a beep indicates that the air conditioner has started up.
- Press the MODE button a number of times until the air purifying/fan symbol  appears on the display.
- Once the air purifying/fan mode is selected, press the SPEED button repeatedly until the required speed is selected (MAX, MED, MIN).





Using the remote control unit

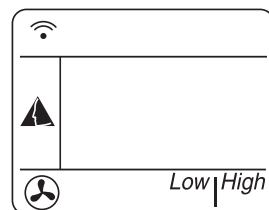
SMART MODE

In SMART mode, the air conditioner decides the best operating mode to guarantee maximum comfort.

- Press the  button to turn the appliance on. The  symbol flashes on the display and a beep indicates that the air conditioner has started up.
- Press the SMART button. The appliance functions automatically and the  symbol appears on the display .

Note: in SMART mode, temperature is controlled automatically. However, if the required temperature has not yet been reached, it can be reduced or increased by a maximum of 2°C by pressing the   buttons.

The appliance will automatically set the operating mode (air conditioning or air purifying/fan) and optimum speed.








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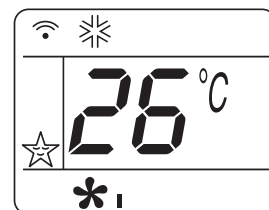
AUTOMATIC SLEEP FUNCTION

The automatic SLEEP mode is ideal for the night-time as it enables operation of the air conditioner in any of the modes (air-conditioning, dehumidifying, or SMART) to be gradually reduced until it shuts down completely (after eight hours).

To select SLEEP mode, proceed as follows:

- Press the  button to turn the appliance on. The  symbol flashes on the display and a beep indicates that the air conditioner has started up.
- Press the MODE button a number of times until the symbol of the function required appears on the display.
- Then select the required temperature by pressing the   buttons.
- Press the SLEEP button to set the night mode. The  symbol is displayed.

In this mode, the fan operates at low speed.



The night function maintains the room at optimum temperature without excessive fluctuations in either temperature or humidity and with silent operation.

The air flow is reduced, while room temperature or humidity varies gradually according to the need for comfort.

During air conditioning, the temperature increases by 1°C every 60 minutes and 2°C after 2 hours. In dehumidifying, the humidity level increases by 5% after 60 minutes and 10% after 2 hours. In both modes, the appliance goes off after 8 hours.

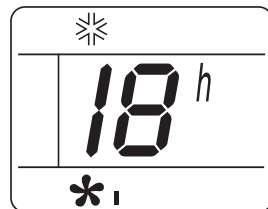
Using the remote control unit

PROGRAMMING THE TIMER

The timer can be used to delay appliance start up or shutdown. This avoids wasting electricity by optimising operating periods.

Programmed shutdown

- With the air conditioner on, press the timer button. The time is displayed and the "h" symbol flashes.
- Set the time when you want the appliance to go off using the ▲ ▼ buttons (from 30 minutes to 24 hours).
- During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.
- Press the TIMER button again to confirm the selection. A countdown of the time left is displayed.
- At the end of the set time the appliance switches on automatically.
- To cancel the set time, press the TIMER button again. You will hear a beep.



Programmed start up

- With the air conditioner off, press the timer button. The time is displayed and the "h" symbol flashes.
- Set the time when you want the appliance to switch off using the ▲ ▼ buttons (from 30 minutes to 24 hours).
- During the first ten hours, you can select half hour intervals.
- For times greater than ten hours, one hour intervals can be selected.
- Press the TIMER button again to confirm the selection.
- At the end of the set time the appliance comes on automatically.
- To cancel the set time, press the TIMER button again. You will hear a beep.

Operation

SELF-DIAGNOSIS

The appliance has a self diagnosis system to identify a number of malfunctions.

IF ... IS DISPLAYED	...WHAT SHOULD YOU DO?
<i>LT</i> LOW TEMPERATURE (FROST PREVENTION)	When "LT" appears on the display, the ice prevention device has been triggered. The appliance starts up again automatically when the defrosting process is completed.
<i>PF</i> PROBE FAILURE (SENSOR DAMAGED)	If this is displayed, contact your service centre.
<i>FT</i> FULL TANK	Empty the tank on the back of the appliance and replace it correctly. The continuous drain hose is not connected correctly or is obstructed and the air conditioner is draining into the tank.
<i>F1</i> FAILURE 1 (PUMP FAILURE)	If this is displayed, contact your service centre

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Tips

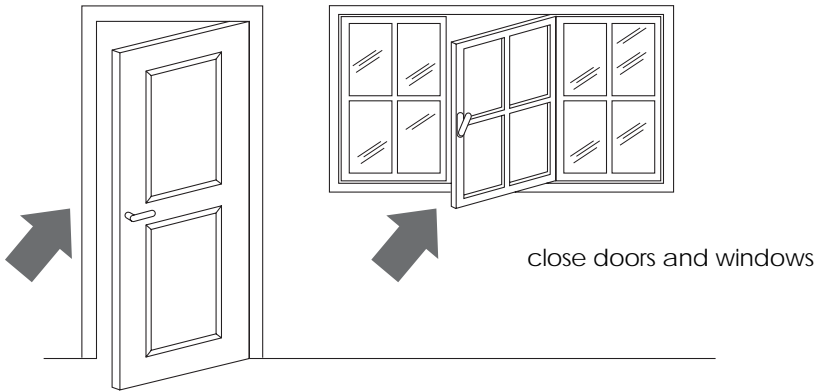
To get the best from your air conditioner, follow these recommendations:

- close the windows and doors in the room to be air conditioned.

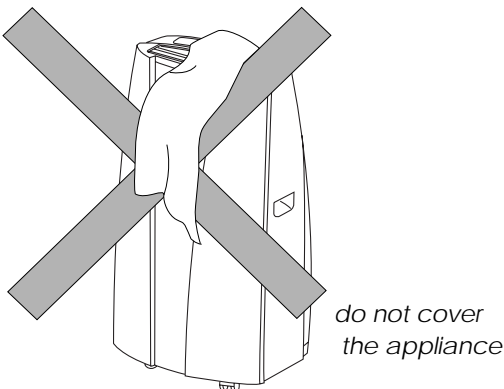
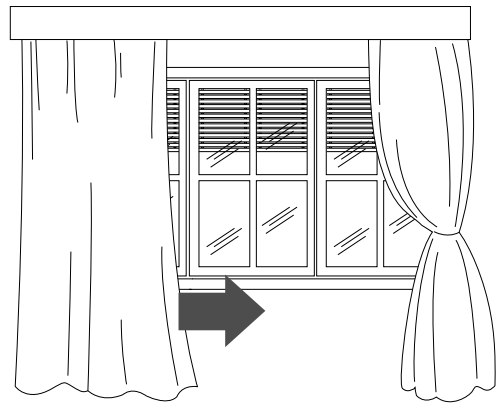
The only exception is when the appliance is installed through a hole in the wall.

In this case, you are recommended to leave a slight draught through a door or window to guarantee correct ventilation.

- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.



- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run;
- Never rest objects of any kind on the air conditioner;
- Never obstruct the air intake **7** or outlet grille **1**;
- Make sure there are no heat sources in the room.



- Make sure the air conditioner is on a **level** floor. If necessary, place the two castor locks **15** under the front wheels **3**.

Cleaning

Before cleaning or maintenance, turn the appliance off by pressing the ON/OFF button (A) and always unplug from the mains socket.

CLEANING THE CABINET

You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

For safety reasons, never wash the air conditioner with water.

Precautions

Never use petrol, alcohol or solvents to clean the appliance. Never spray insecticide liquids or similar.

CLEANING THE AIR PURIFYING FILTERS

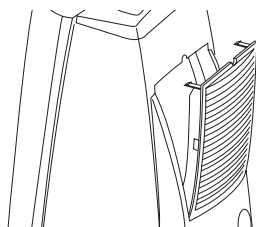
To keep your air conditioner working efficiently, you should:

1. Clean the dust filter every week of operation
2. Replace the 3M air purifying filter (certain models only) at the end of each season or when exhausted (see the instructions near the filter housing on the appliance).

The filters are housed in the intake grille.

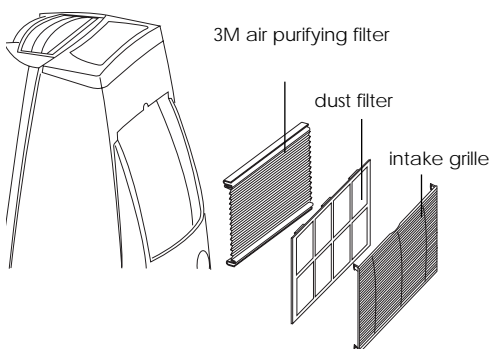
To clean the filters, proceed as follows

1. Remove the intake grille by rotating outwards (fig. L).



L

2. Remove the 3M air purifying filter (white) (certain models only).
3. Remove the dust filter by detaching it from the grille.



M

Use a vacuum cleaner to remove dust accumulations from the dust filter.

If it is very dirty, immerse in warm water and rinse a number of times.

The water should never be hotter than 40°C. After washing, leave the filter to dry.

To replace, put the filters back in the intake grille then attach the intake grille to the appliance.

Never try and clean or wash the 3M filter as this could reduce its filtering capacity. When it is exhausted, replace it.

START OF SEASON CHECKS

Make sure the power cable and plug are undamaged and the earth system is efficient. Follow the installation instructions precisely.

END OF SEASON OPERATIONS

Place the appliance in stand-by.

To completely empty the internal circuit of water, press the MODE and FAN or MODE and SPEED buttons (according to model) simultaneously for a few seconds without removing the tank 8.

The water in the internal circuit will drain into the tank 8 or through the continuous drain hose 9 if connected.

Make sure the other end of the hose is near a suitable drain.

When completely drained, disconnect the continuous drain hose.

Clean the filters and dry thoroughly before putting them back.

Troubleshooting...

PROBLEM	CAUSE	REMEDY
The air conditioner does not come on	<ul style="list-style-type: none"> • there is no current • it is not plugged into the mains • the safety device has tripped • the safety float has tripped 	<ul style="list-style-type: none"> • plug into the mains • see "self diagnosis" table page 41 • empty the tank
The air conditioner works for a short time only	<ul style="list-style-type: none"> • the air exhaust hose has a constriction • the air exhaust hose is blocked 	<ul style="list-style-type: none"> • position the exhaust hose correctly • check there are no obstacles obstructing air discharge
The air conditioner works, but does not cool the room	<ul style="list-style-type: none"> • window open • there are heat sources in the room (burner, lamp, etc) • the exhaust hose is detached • air purifying filters clogged • the air conditioner is not powerful enough for the conditions or size of the room 	<ul style="list-style-type: none"> • close the window • eliminate the heat source • connect the exhaust hose • clean or replace the filters
Particular odour in the room	<ul style="list-style-type: none"> • air purifying filters clogged 	<ul style="list-style-type: none"> • clean or replace the filters
The air conditioner does not operate for about three minutes after turning it on	<ul style="list-style-type: none"> • the appliance's security system has tripped 	<ul style="list-style-type: none"> • wait for three minutes
LT/ FT/PF/FI appears on the display	<ul style="list-style-type: none"> • See "self-diagnosis" section 	

Guarantee/technical specification

GUARANTEE AND TECHNICAL ASSISTANCE

The conditions of the guarantee and technical assistance are given on the certificate supplied with your appliance.

LIMIT CONDITIONS	
Room temperature	21 ÷ 35°C

TECHNICAL CHARACTERISTICS

Power supply voltage	see rating plate
Max. power input during air conditioning	"
Max. absorbed power during dehumidifying	"
Refrigerant	"
Cooling capacity	"

Dimensions internal unit:

• width	495 mm
• height	940 mm
• depth	410 mm
• weight	34 kg

GB

Transport, filling, cleaning, recovery and disposal of refrigerant should be performed by a technical service centre appointed by the manufacturer only.

The appliance should be disposed of by a specialist centre appointed by the manufacturer only.

IMPORTANT INFORMATION FOR THE CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EUROPEAN DIRECTIVE 2002/96/EC.



At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or a dealer providing this service.

Disposing of household appliances separately avoids all possible negative consequences for the environment and health deriving from inappropriate disposal and enables constituent materials to be salvaged, resulting in considerable savings of energy and resources.

As a reminder of the obligation to dispose of household appliances separately, the product is marked with the symbol of a barred refuse bin.